

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	"347"/9,22,29,30,31,32,33,34,37. ccls. and (arm) near10 (drive adj shaft)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 13:51
L2	1	"347"/9,22,29,30,31,32,33,34,37. ccls. and (arm) near10 (drive adj shaft) and (leaf adj spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 13:51
L3	3	"347"/9,22,29,30,31,32,33,34,37. ccls. and (arm) near10 (drive adj shaft) same (spring)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 14:51
L4	34	"347"/9,22,29,30,31,32,33,34,37. ccls. and (rack) near10 (lever arm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:00
L5	10	"347"/9,22,29,30,31,32,33,34,37. ccls. and (drive adj shaft) same (wall barrier stop) same (sled carrier carriage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:07
L6	44	"347"/\$.ccls. and (drive adj shaft) same (wall barrier stop) same (sled carrier carriage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 16:07
S1	2	("20050179713").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 16:14

## EAST Search History

S2	38	((("6520620") or ("6481822") or ("6447094") or ("6164754") or ("20010033308") or ("20020003553") or ("20030007031") or ("20030001921") or ("5115250") or ("6493937") or ("5730538") or ("5103244") or ("6280015") or ("6196653") or ("6172691") or ("5257044") or ("20020191043") or ("20020015070") or ("6015202"))). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 16:17
S3	1302	347/9,22.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/27 17:31
S5	7	347/9,22.ccls. and (sled with rack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 14:31
S6	35	347/9,22.ccls. and (service near station) with (rack gear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:03
S7	4	347/9,22.ccls. and (service near station) with (rack gear) and (idler near gear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:51
S8	1	347/9,22.ccls. and (service near station) same (rack with gear) and (idler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:51
S9	1	347/9,22.ccls. and (service sled slide slider) same (rack with gear) and (idler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:51

## EAST Search History

S10	1	347/9,22.ccls. and (service sled slide slider) same (rack) and (idler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:03
S11	51	"347"/\$.ccls. and (service sled slide slider) same (rack) and (idler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:54
S12	962	"347"/\$.ccls. and (rack and gear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:54
S13	38	((("6520620") or ("6481822") or ("6447094") or ("6164754") or ("20010033308") or ("20020003553") or ("20030007031") or ("20030001921") or ("5115250") or ("6493937") or ("5730538") or ("5103244") or ("6280015") or ("6196653") or ("6172691") or ("5257044") or ("20020191043") or ("20020015070") or ("6015202"))). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 09:54
S14	12	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 09:54
S15	314	347/9,22,29,33,37.ccls. and ((first with engage\$4) and (second with engage\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:08
S16	73	347/9,22,29,33,37.ccls. and ((first near engage\$4) and (second near engage\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:09

## EAST Search History

S17	11	347/9,22,29,33,37.ccls. and ((first near engage\$4) and (second near engage\$4) and rack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:09
S18	2	("5831644").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 10:35
S19	30	"347"/\$.ccls. and (waller.in.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 10:33
S20	1058	"347"/\$.ccls. and ((sled slider slide (service near station)) with (engage\$4 disengage\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:39
S21	100	"347"/9,22,37.ccls. and ((sled slider slide (service near station)) with (engage\$4 disengage\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:01
S22	482	"347"/9,22,37.ccls. and ((sled slider slide (service near station)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 10:39
S23	37	"347"/9,22,37.ccls. and ((two plurality multiple many more) near (sled slider slide (service near station)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:02
S24	189	"347"/\$.ccls. and ((two plurality multiple many more) near (sled slider slide (service near station)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/28 11:39

## EAST Search History

S25	2	("20040233465").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 11:51
S26	23	347/9,22,37.ccls. and ((service near station) with rack)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:28
S27	2	("5980018").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 15:59
S28	5	347/9,22,37.ccls. and ((service near station) with rack) and disengage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:30
S29	4	347/9,22,37.ccls. and ((service near station) with rack) and shift\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:31
S30	1	347/9,22,37.ccls. and ((service near station) with rack) and (disengage\$3 with engage\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:33
S31	4	"347"/\$.ccls. and ((service near station) with rack) and (disengage\$3 with engage\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:32
S32	2	347/9,22,37.ccls. and (rack) same (disengage\$3 and engage\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:35

## EAST Search History

S33	49	"347"/\$.ccls. and (rack) same (disengage\$3 and engage\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:36
S34	3	347/9,22,37.ccls. and (rack) with (shift\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 14:08
S35	364581	(disengage\$3 and engage\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:36
S36	38	((("6520620") or ("6481822") or ("6447094") or ("6164754") or ("20010033308") or ("20020003553") or ("20030007031") or ("20030001921") or ("5115250") or ("6493937") or ("5730538") or ("5103244") or ("6280015") or ("6196653") or ("6172691") or ("5257044") or ("20020191043") or ("20020015070") or ("6015202")). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/28 16:36
S37	11	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 09:00
S38	333054	rack	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 09:00
S39	364581	(disengage\$3 and engage\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 09:01

## EAST Search History

S40	38	((("6520620") or ("6481822") or ("6447094") or ("6164754") or ("20010033308") or ("20020003553") or ("20030007031") or ("20030001921") or ("5115250") or ("6493937") or ("5730538") or ("5103244") or ("6280015") or ("6196653") or ("6172691") or ("5257044") or ("20020191043") or ("20020015070") or ("6015202"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 09:01
S41	11	S39 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 09:01
S42	4	S38 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 09:01
S43	21	"347"/\$.ccls. and (second near sled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 09:29
S44	5	"347"/9,22,37.ccls. and (second near sled)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 12:08
S45	4	((("5907334") or ("5018884"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 09:48
S46	5	"347"/9,22,37.ccls. and (access with (engag\$5 disengag\$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 12:09

## EAST Search History

S47	7	347/9,22,37.ccls. and (service near station) same (transmission and gear and engag\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 14:09
S48	5	347/9,22,37.ccls. and ((service) and (selectively with engag\$5) with gear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 14:35
S49	21	"347"/\$.ccls. and ((service) and (selectively with engage\$4) with gear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 14:33
S51	3	347/9,22,37.ccls. and ((sled carrier carriage slider) with (selectively with engag\$5) with gear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 14:43
S52	11	"347"/\$.ccls. and ((sled carrier carriage slider) with (selectively with engag\$4) with gear)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 14:47
S53	7	"347"/\$.ccls. and ((sled carrier carriage slider) with (selectively with engag\$4) with gear) and (cap\$4 and wip\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:15
S54	2	("5146243").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:15
S55	2	("6328412").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/29 15:54



## EAST Search History

S56	2681	"347"/\$.ccls. and (engage\$4 near10 (sled slider carrier carriage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/29 15:56
S57	737	"347"/9,22,29,30,31,32,33,34,37. ccls. and (engage\$4 near10 (sled slider carrier carriage))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:00
S58	3	("5907334").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 08:47
S59	204	"347"/9,22,29,30,31,32,33,34,37. ccls. and (engage\$4 shift\$4) with gear with (first second position)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 11:05
S60	10	"347"/9,22,29,30,31,32,33,34,37. ccls. and (engage\$4) with gear with (first second position) with shift\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 14:57
S61	362	"347"/9,22,29,30,31,32,33,34,37. ccls. and (sled carrier carriage slider rack) with (cap\$4) with wip\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 08:39
S62	528756	translat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:25

## EAST Search History

S63	38	((("6520620") or ("6481822") or ("6447094") or ("6164754") or ("20010033308") or ("20020003553") or ("20030007031") or ("20030001921") or ("5115250") or ("6493937") or ("5730538") or ("5103244") or ("6280015") or ("6196653") or ("6172691") or ("5257044") or ("20020191043") or ("20020015070") or ("6015202"))). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/30 15:25
S64	12	S62 and S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:25
S65	25	"347"/9,22,29,30,31,32,33,34,37. ccls. and (print adj head) with (actuate activate drive) with ((service near station) maintenance sled )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:59
S66	8	"347"/9,22,29,30,31,32,33,34,37. ccls. and (rack) with (engage\$4 and disengage\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 12:01
S67	7	"347"/9,22,29,30,31,32,33,34,37. ccls. and (rack) same (engage\$4 and disengage\$4) and ((lever arm) with (bias\$3 spring))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 10:32
S68	40	"347"/\$.ccls. and (rack) same (engage\$4 and disengage\$4) and ((lever arm) with (bias\$3 spring))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 15:15
S69	14	"347"/\$.ccls. and (drive adj shaft) with projections	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 15:18

## EAST Search History

S70	4	"347"/\$.ccls. and (drive adj shaft) with projections with gear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 15:15
S71	4	"347"/\$.ccls. and (drive adj shaft) with (grove projection) with gear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 15:19
S72	0	"347"/\$.ccls. and (drive adj shaft) with (grove) with gear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 15:19
S73	703	"347"/\$.ccls. and (groove projection) with gear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 15:23
S74	185	"347"/\$.ccls. and (projection) with gear	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 15:23
S75	3	"347"/9,22,29,30,31,32,33,34,37. ccls. and (sled carrier slider) with (drive adj shaft) with rack	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 10:35
S76	7	"347"/9,22,29,30,31,32,33,34,37. ccls. and (sled carrier slider) with (shaft) with rack	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 13:44
S77	23	"347"/\$.ccls. and (sled carrier slider) with (shaft) with rack	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/03 10:36